

ABSTRACT OF THE DISCLOSURE

A cholesteric liquid crystal (CLC) color filter layer for reflective LCD device includes an additional blue CLC color filter in the red and/or green CLC color filter to increase a color temperature. Since the additional blue CLC color filter is formed using ultraviolet light when forming the blue CLC color filter, additional manufacturing processes for the additional blue CLC color filter are not required. Furthermore, since the color temperature of output light increases according to the CLC color filter layer of the present invention, the high resolution is obtained in image display. Alternatively, the color temperature can be adjustable by way of forming an additional red and/or green CLC color filter in the blue CLC color filter.